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**From:** Grange, Gabrielle Fenix [Gabrielle.Grange@doh.hawaii.gov]  
**Sent:** 6/9/2021 10:54:16 PM  
**To:** Fujimoto, Dayna K CIV USN NAVFAC HAWAII PEARL (USA) [dayna.fujimoto@navy.mil]; susan.lohr@navy.mil; Tu, Lyndsey [Tu.Lyndsey@epa.gov]  
**CC:** Matt Tonkin [matt@sspa.com]; Whittier, Robert [Robert.Whittier@doh.hawaii.gov]; Don Thomas [dthomas@soest.hawaii.edu]; g.d.beckett@aquiver.com; Ichinotsubo, Lene K [lene.ichinotsubo@doh.hawaii.gov]; joanna.seto@doh.hawaii.gov  
**Subject:** FW: Data for the Navy  
**Attachments:** DOH\_data-submission\_to\_Navy\_II.xlsx; redhill\_geochem\_data\_WB-Wells.xlsx; redhill\_geochem\_data\_WB-Wells.xlsx

Thank you, Bob!

Aloha Dayna and Susan,

Please find attached the currently available data in response to the Navy's request regarding our at our GWFM TWG on 6/3. As noted by Bob below, some datasets are from studies in progress and are not yet releasable.

Fenix Grange, Supervisor  
Site Discovery, Assessment and Remediation Section  
Hazard Evaluation and Emergency Response Office  
Hawaii Department of Health

**Due to COVID-19, HEER is teleworking with limited staff in the office**

During office hours, I can be reached in the following three ways:

Gabrielle.grange@doh.hawaii.gov  
808-586-4248 office with message forwarding  
808-226-5895 – mobile

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**From:** Whittier, Robert <Robert.Whittier@doh.hawaii.gov>  
**Sent:** Wednesday, June 9, 2021 12:29 PM  
**To:** Grange, Gabrielle Fenix <Gabrielle.Grange@doh.hawaii.gov>  
**Cc:** Ichinotsubo, Lene K <lene.ichinotsubo@doh.hawaii.gov>; g.d.beckett@aquiver.com; Don Thomas (dthomas@soest.hawaii.edu) <dthomas@soest.hawaii.edu>; Shende, Anay <anay.shende@doh.hawaii.gov>  
**Subject:** Data for the Navy

Hi Fenix,

The attached is to provide the Navy with the underlying data used to develop the slides presented on May 10. Not included is the basis for the 6 o/oo d15N anthropogenic influence threshold. That will be provided upon the release of the WRRRC Nearshore Sewage Pollution Study report likely later this summer. Also not included is some nitrogen isotope data that were collected as part a project titled "An Investigation of Groundwater Flow Paths in South-Central and Southeast Oahu". While some nitrogen isotope data is not included, the data are sufficient to support the statements made on Slide 38 of our presentation.

Thanks,  
Bob W.